



Bolton Gate Company

FIRE CURTAIN - FIBREROLL E120 - EW30

Two Hour Fire Resisting Rolling Curtain
Radiant Heat and Fire Resisting Curtain

Data Sheet 18-3

March 23



FIRE CURTAIN - FIBREROLL E120 - EW30 SPECIFICATION SUMMARY

Bolton Gate Company, the acknowledged leader in the field of rolling fire door technology, are pleased to offer the Fibreroll range of fire rated curtains.

These fire curtains are specifically designed to provide fire compartmentation and a protected means of escape all within a compact, aesthetically pleasing yet robust and reliable system.

Utilising a fully tested woven glass fabric with stainless steel wire reinforcement, the Fibreroll E120 Rolling Fire Curtain provides not only up to two-hour fire integrity between fire compartments but also a reduction in radiated heat to such a large extent that it meets the requirements for a rating of EW30.

Applications include:

Any internal application where fire compartmentation is required but is ideally suited for :-
Retail Malls, Offices, Receptions / Foyers, Lift Lobbies / Lift Doors, Open-plan Private Residencies.

Performance Characteristics:

Resistance to Fire: E30, E60 or E120 classifications
- Including Rigid and Flexible Structures
Radiated Heat: EW30
Reduction of 15kW/m² to EW30 classification

Fire: Tested to EN1634-1 all in accordance with EN13501-2, EN15269.

Key Attributes:

Fire rated and radiant heat reducing curtain.
CE Marked or BS8524 options available.
Compact and light weight design.
Bespoke manufacture to suit individual openings.
Range of controls.





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FIRE SHUTTER - FIREROLL E120 - EW30

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Operation

Electric operation is by means of a tubular motor suitable for connection to a 230-volt nominal single-phase supply with gravity failsafe closure in a fire condition.

A control panel is provided with the facility for connection of a normally closed volt free contact from the Client's fire alarm system. A battery is included to prevent unwanted closing of the curtain in case of power failure.

The curtain will automatically descend upon receipt of the fire signal and retract once removed.

If the curtain system is to be used on an escape route, only local heat detection can be used. This can be accommodated by our operating controls.

Curtain

Specially reinforced and coated fibreglass material which is designed to withstand temperatures more than 1000 degrees C.

Bottom Rail

A steel bottom rail is attached to provide rigidity and act as a weight to assist closure.

Side Guides

Manufactured from galvanised steel and formed into a slimline profile which is prepared for bolting to the opening structure.

Roller

The roller comprises a suitable diameter steel tube in which the tubular motor is fitted at one end and steel shafts / discs at the other.

Endplates

Galvanised steel endplates are provided with integrated angles to simplify installation.

Coil Casing

The roller is covered by a galvanized steel casing which also acts as a fire seal at the head.

Finish

The curtain is supplied in a neutral grey colour with the side guides, bottom rail, and coil casing all supplied in a standard galvanised finish.

Maximum Size

5000mm wide x 8000mm high (single roller)

Unlimited width x 6000mm high (multiple rollers)

Weight

Curtain 0.78Kg / m² approx.

Barrel / Casing 30Kg / m approx.

Options

- BS8524 approval option.
- Sounder beacon during closing.
- Voice warning during closing.
- Emergency retract via UPS and push button on 1 or 2 sides
- Two stage or delayed descent.
- Obstruction warning using light curtain or photocell with delayed timer and sounder.
- Side guides, bottom rail and coil casing supplied with polyester powder coated finish to alternative RAL colour from standard range.
- Local heat detector.

To specify this product please state:

Fire Curtain—Fibreroll E120 - EW30 shall be by Bolton Gate Company Ltd, Waterloo Street, Bolton BL1 2SP, UK

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